

**DECLARATION  
Utility Application**

DOCKET INFORMATION  
53921/00083

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR REDUCTION AND RESTORATION OF DATA ELEMENTS PERTAINING TO TRANSMITTED DATA PACKETS IN A COMMUNICATIONS NETWORK**, the specification of which

**Check One**

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ 89

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Application Number	Country	Date of Filing	Priority Yes✓	Claimed No✓
98 460 038.7	European Patent Office	September 18, 1998	X	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Number	Date of Filing	Status — Patented, Pending or Abandoned

09397849-09199

094749-60766

201	FULL NAME OF INVENTOR		FIRST Name: Dominique	Middle Initial(s)	LAST Name: NORMAND	
	RESIDENCE & CITIZENSHIP		City: Bruz	State or Foreign Country: France	Country of Citizenship: France	
	POST OFFICE ADDRESS: 3, square des saudrais		City: Bruz	State or Country: France	Zip Code: 35170	
202	FULL NAME OF INVENTOR		FIRST Name: Marc	Middle Initial(s)	LAST Name: ANDRÉ	
	RESIDENCE & CITIZENSHIP		City: Cesson Savigne	State or Foreign Country: France	Country of Citizenship: France	
	POST OFFICE ADDRESS: 101, rue du Réage		City: Cesson Savigne	State or Country: France	Zip Code: 35510	
203	FULL NAME OF INVENTOR		FIRST Name: Didier	Middle Initial(s)	LAST Name: MALOREY	
	RESIDENCE & CITIZENSHIP		City: Chevalgné	State or Foreign Country: France	Country of Citizenship: France	
	POST OFFICE ADDRESS: Le Clos Robert		City: Chevalgné	State or Country: France	Zip Code: 35250	
204	FULL NAME OF INVENTOR		FIRST Name: Esabel	Middle Initial(s)	LAST Name: AMBROSIO	
	RESIDENCE & CITIZENSHIP		City: Chantepie	State or Foreign Country: France	Country of Citizenship: France	
	POST OFFICE ADDRESS: 8, allée des Glères		City: Chantepie	State or Country: France	Zip Code: 35135	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201
Date
Signature of Inventor 202
Date

Signature of Inventor 203
Date
Signature of Inventor 204
Date

Signatures should conform to names as presented at 201 et seq. above.

**CERTIFICATE UNDER 37 CFR 3.73(b)**Applicant: NORMAND, Dominique; ANDRÉ, Marc; MALOREY, Didier and AMBROSIO, Esabel

Application No.: \_\_\_\_\_

Entitled: METHOD AND APPARATUS FOR REDUCTION AND RESTORATION OF DATA  
ELEMENTS PERTAINING TO TRANSMITTED DATA PACKETS IN A  
COMMUNICATIONS NETWORKNEWBRIDGE NETWORKS CORPORATION, a Corporation

(Name of Assignee)

(Type of Assignee, e.g. corporation, partnership,  
University, Government Agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignment in the chain of title are listed on a supplemental sheet.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I declare that all statement made herein on my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made within the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

\_\_\_\_\_  
Date\_\_\_\_\_  
SignaturePeter Nadeau, Vice President, Legal\_\_\_\_\_  
Typed or printed nameJC564 U.S. PRO  
09/17/99

09/17/99

## ASSIGNMENT

In consideration of the sum of one dollar and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, we, the undersigned, whose names and full post office addresses are set out below:

**Name of Inventors**

**Addresses**

NORMAND, Dominique

3, square des saudrais  
Bruz, France 35170

ANDRÉ, Marc

101, rue du Réage  
Cesson Sevigne, France 35510

MALOREY, Didier

Le Clos Robert  
Chevaigné, France 35250

AMBROSIO, Esabel

6, allée des Glières  
Chantepie, France 35135

confirm that we do hereby sell, assign and transfer unto **NEWBRIDGE NETWORKS CORPORATION**, hereinafter called the Assignee, whose full post office address is 600 March Road, P.O. Box 13600, Kanata, Ontario, K2K, 2E6, Canada, and to the Assignee's successors, assigns, nominees or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to our invention relating to

**METHOD AND APPARATUS FOR REDUCTION AND RESTORATION  
OF DATA ELEMENTS PERTAINING TO TRANSMITTED DATA PACKETS  
IN A COMMUNICATIONS NETWORK**

as fully set forth and described in the application for Letters Patent in the European Patent Office, filed on September 18, 1998, and allotted serial no. 98 460 038.7, together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries, in and to the aforementioned application, any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified application under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made;

We hereby authorize any official whose duty it is to grant patents, to grant any Letters Patent for the invention to the Assignee, and to its successors, assigns, nominees or other legal representatives;

**STATEMENT OF WITNESS**

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_, state that I was personally present and did see DOMINIQUE NORMAND, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.

Declared at \_\_\_\_\_, in the Province/State of \_\_\_\_\_,  
(CITY OR TOWN) (NAME OF PROVINCE OR STATE)  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(DAY) (MONTH)

\_\_\_\_\_  
Signature of Witness

**STATEMENT OF WITNESS**

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_, state that I was personally present and did see MARC ANDRÉ, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.

Declared at \_\_\_\_\_, in the Province/State of \_\_\_\_\_,  
(CITY OR TOWN) (NAME OF PROVINCE OR STATE)  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(DAY) (MONTH)

\_\_\_\_\_  
Signature of Witness

**STATEMENT OF WITNESS**

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_, state that I was personally present and did see **DIDIER MALOREY**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.

Declared at \_\_\_\_\_, in the Province/State of \_\_\_\_\_,  
(CITY OR TOWN) (NAME OF PROVINCE OR STATE)  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(DAY) (MONTH)

\_\_\_\_\_  
Signature of Witness

**STATEMENT OF WITNESS**

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_, state that I was personally present and did see **ESABEL AMBROSIO**, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above.

Declared at \_\_\_\_\_, in the Province/State of \_\_\_\_\_,  
(CITY OR TOWN) (NAME OF PROVINCE OR STATE)  
this \_\_\_\_\_ day of \_\_\_\_\_, 1999.  
(DAY) (MONTH)

\_\_\_\_\_  
Signature of Witness